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Perguntas / Questions

Pergunta nº: 883/Question nº: 883

Título: /Title: A question from Israel about timber quality of young *Eucalyptus globulus*

Por: / By: Anat Hadash

E-mail: anath@mhstech.co.il

Questão: /Question:

Smiles from Sunny Israel

We are very much interested in the use of young *Eucalyptus globulus* logs for lumber, and its possibilities in wood products.

Can you please e-mail me any information relating? (in English)

We are growing *Eucalyptus* plantations in Ethiopia (most of it is *Eucalyptus globulus*). We have great expectations from these plantations. We would like to produce logs, and saw them to lumber for flooring and furniture. Our trees are now of average diameter 25cm.

Some are of course of larger diameter. However, we have been told that *Eucalyptus globulus* in young age and in these diameter, due to growing stresses, heavy shrinkage and cell collapse during drying, can not produce any quality lumber, unless we use quarter sawing techniques (but for this we shall need diameter 52 cm). And in live sawing, or back sawing, we will suffer from cracks, distortion, and generally low grade lumber. Therefore the plantation is actually useless.

I think that great progress was achieved in utilizing *Eucalyptus globulus*, they developed drying and sawing techniques that can overcome many of the growing stress, and the drying related distortions.

If you could please advise your opinion on that – from your experience, it would be greatly appreciated.

Thank you very much
Anat Hadash , Import & Export Directo

Resposta por Celso Foelkel: / Answer by Celso Foelkel:

Dear Anat, good morning.

In Brazil where I live we have not a great experience with *Eucalyptus globulus*, it is a species not very common in plantations around here due to climate reasons. However, in Chile, Uruguay, Portugal and Spain the *E.globulus* is very popular, for different wood utilization, including saw-timber.

I suggest you to read a very good document written by the friends from Spain (CisMadera) available at:

<http://www.cismadera.com/castelan/downloads/eucaliptoweb.pdf> (in Spanish and English)

For further details, you may contact Cismadera - Centro de Innovación y Servicios de la Madera.

Check the publications sector in the website:

<http://www.cismadeira.com/castelan/inicial.htm>

<http://www.cismadeira.com/castelan/publicaciones/proestudios.htm>

<http://www.cismadeira.com/castelan/publicaciones/online.htm>

<http://www.cismadeira.com/castelan/contacto.htm> (To contact them).

I hope you may read Spanish, anyhow, several of the publications are also in English.

Regards

Celso Foelkel

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